Index of Claims

| Appl | icati | on/ | Con | trol | No |
|------|-------|-----|-----|------|----|
|------|-------|-----|-----|------|----|

10/604,114 Examiner

Tianjie Chen

Applicant(s)/Patent under Reexamination

THOMPSON ET AL.

Art Unit

2627

Rejected Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| _ | Postricted                     |

| Ζ | Non-Elected  |
|---|--------------|
| - | Interference |

| Α | Appeal   |
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| Cla   | aim      | Date     |  |                 | ]        | Cla      | aim _    | Date     |                |          |          |                 | CI   | aim             | Date     |                    |                |       |          |          |                 |             |                 |  |                      |          |        |
|---|----------|----------|--|-----------------|----------|----------|----------|----------|----------------|----------|----------|-----------------|--|-----------------|----------|--------------------|----------------|-------|----------|----------|-----------------|-------------|-----------------|--|----------------------|----------|--------|
|   | =        |          |  |                 |          | Ī        |          |          | 1              |          | _        |                 | $\Gamma$   |                 |          | IT                 |                |       |          |          |                 |             | Т               | П  |                      | Т        | $\neg$ |
| Final   | Original | 90/8/9   | 1  |                 |          |          | i        |          |                | Final    | Original |                 | 1 1  |                 |          |                    |                | ख     | Original |          |                 |             |                 |  | ll                   |          | -      |
| 一直  | 훈        | 88       | 1  | П               |          |          | - 1      |          |                | 证        | E        |                 | 1 1  | 1               |          |                    |                | Final | iri      |          |                 |             |                 |  | ll                   |          | -      |
|   | ١٠       |          | !  | H               |          |          | -        |          |                |          | ١٥       |                 |  |                 |          |                    |                |       | 0        |          |                 |             | İ               |  |                      |          |        |
|   | 1        | R        |  |                 |          |          |          |          | 7              |          | 51       |                 | $\Box$   | Ti-             |          | 1 1                | 7              |       | 101      |          |                 | 1           | $\dagger$       | H  | П                    | 十        | $\neg$ |
|   | 2        | R        |  | П               | T        | 寸        |          | $\top$   | 7              |          | 52       |                 | $\Box$   |                 |          | 11                 | 7              |       | 102      |          |                 | $\top$      |                 |  |                      | 十        |        |
|   | 3        | R        |  |                 |          | $\neg$   | 1        | $\top$   | 7              |          | 53       |                 | 177  |                 |          | $\top$             | 7              |       | 103      |          |                 | 1           |                 |  |                      | $\neg$   | _      |
|   | 4        | R        |  |                 |          | 一        |          |          | 1              |          | 54       |                 | $\top$   |                 |          |                    | 7              |       | 104      |          |                 | $\top$      | +               |  |                      | $\top$   | _      |
|   | 5        | R        |  |                 |          | 寸        |          |          | 1              |          | 55       |                 | $\top$   | T               |          | $\dagger$          | 7              |       | 105      |          |                 | 十           |                 |  |                      | 十        |        |
|   | 6        | R        |  | П               |          | $\neg$   | 一        | 十        | 7              |          | 56       | $\Box$          | 17   | $\top$          |          | 11                 | ااااا          |       | 106      |          |                 | _           | +               | $I^-$  | 1                    | $\neg$   | T      |
|   | 7        | R        |  | П               | $\dashv$ | ┪        | $\dashv$ | ┪        | 7              | _        | 57       |                 | 11   | $\top$          | _        | 1                  | <b>-</b>  :::: |       | 107      |          | $\vdash$        | $\top$      | +-              |  | $\vdash$             | $\top$   | T      |
|   | 8        | R        |  |                 | _        | 7        | $\neg$   |          | 1              |          | 58       |                 | 11   | $\top$          |          | 1 1                | ,              |       | 108      | Н        |                 | $\top$      | $\top$          | T  | $\vdash$             | $\top$   | _      |
|   | 9        | R        |  | $\neg$          | $\dashv$ | 7        | T        | $\top$   | <b>-</b>  !!!! |          | 59       |                 | 17   |                 |          | 1 🕇                | ٠              |       | 109      | Н        |                 | $\top$      | +-              | <del>                                     </del> | ╁═╁                  | $\dashv$ | _      |
|   | 10       | R        |  |                 | 7        | 7        | $\neg$   | 十        | <b>-</b>       |          | 60       | $\vdash$        | † †  | $\top$          | $\neg$   | +-                 | ⊣᠁             |       | 110      | Н        |                 | +           | +-              | <del> </del>                                     | ┢═╅                  | +        | _      |
|   | 11       | R        |  |                 | $\dashv$ | 寸        | _        | $\top$   | 1              |          | 61       |                 | +  |                 |          | 1 🕇                | <b>⊣</b> ;;;;  |       | 111      | Н        | $\vdash$        | +           | +               | ╁  | $\vdash$             | $\dashv$ | -      |
| $\vdash$  | 12       | R        | <del>                                     </del> | $\vdash$        | $\dashv$ | $\dashv$ | 十        | $\dashv$ | 1              |          | 62       | $\vdash$        | ++   | +               |          | ++                 | <b>-</b>  :::: |       | 112      | $\vdash$ | -               | +-          | +               | $\vdash$   | $\vdash$             | $\dashv$ | _      |
|   | 13       | R        | $\vdash$   | $\vdash$        | +        | +        | $\dashv$ |          | 1              |          | 63       | $\vdash$        | +  | $\dashv$        | +        | ++                 | ااااا          |       | 113      | Н        | $\vdash \vdash$ | +           | +               | $\vdash$   | $\vdash \vdash$      | +        | _      |
| $\vdash$  | 14       | R        | $\vdash$   | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | +        | 1              |          | 64       | $\vdash$        | +  | +               | +-       | ++                 | -              |       | 114      | Н        | $\vdash \vdash$ | +           | +               | $\vdash$   | $\vdash \vdash$      | +        | _      |
| $\vdash$  | 15       | R        | $\vdash\vdash$                                   | $\vdash \vdash$ | +        | +        | +        | +        | 1              |          | 65       | $\vdash\vdash$  | ╁┼┼  |                 | -        | ╅╌┼╴               | -              |       | 115      | Н        | $\vdash\vdash$  | +           | ╁               | -  | ┝╌┤                  | +        | _      |
| <b></b>   | 16       | R        | $\vdash\vdash$                                   | ⊢⊢              | -        | -        | +        | +        | -              |          |          | $\vdash$        | ++   | +               |          | ++                 | -              |       |          | $\vdash$ | $\vdash$        | +           | +               | $\vdash$   | $\vdash$             | +        | _      |
| $\vdash$  |          | R        | $\vdash\vdash$                                   | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | -        | -              |          | 66       |                 | +-+  | +               | +        | ++                 | -              |       | 116      | Н        |                 | +           | +               | $\vdash$   | $\vdash \vdash$      | +        | _      |
| $\vdash$  | 17       |          | $\vdash$   | $\dashv$        | $\dashv$ | -+       | $\dashv$ | +        | -              |          | 67       | $\vdash \vdash$ | +  | +               | +        | ++                 | - ::::         | L     | 117      | Н        | $\vdash$        | +           | +               | $\vdash$   | ${oldsymbol{arphi}}$ | $\dashv$ | _      |
|   | 18       | R        |  | $\dashv$        | $\dashv$ | -        | -+       | +        | 4              |          | 68       | $\vdash$        | +  |                 |          | +                  | -              |       | 118      |          |                 | _           | ╄               | ļ  | -                    | -        | _      |
|   | 19       | R        | $\sqcup \sqcup$                                  | $\dashv$        | $\dashv$ | 4        | _        | _        | 4::::          |          | 69       | $\vdash$        | 1-1  |                 | _        | 11                 | 4              |       | 119      | _        |                 | _           | ↓_              | L.,  | $\vdash$             | $\dashv$ | _      |
|   | 20       | R        |  | $\sqcup$        | $\dashv$ | 4        | _        | _        | 4::::          |          | 70       |                 | 11   |                 |          | $\bot\bot$         | 4              |       | 120      |          | $\perp$         | _           | ↓_              | L_   | $\sqcup$             | $\dashv$ | _      |
|   | 21       | R        |  | Ш               | _        | 4        | _        | ┿        | 4              |          | 71       | $\perp$         | $\bot$   |                 |          | $\bot \bot$        | _              |       | 121      |          |                 |             |                 |  |                      |          |        |
|   | 22       | R        |  |                 | _        | $\dashv$ | _        |          | _              |          | 72       |                 | $\bot$   |                 |          | 11                 | _              |       | 122      |          | oxdot           |             |                 |  | Ш                    |          | _      |
|   | 23       | R        |  | $\Box$          | $\perp$  | _        |          |          | _              |          | _73      |                 |  |                 |          |                    | _              |       | 123      |          | Ш               |             | 上               |  |                      |          |        |
|   | 24       | R        |  |                 | _        | $\perp$  |          |          | _              |          | 74       |                 |  |                 |          | $\perp \perp$      | _              |       | 124      |          |                 |             | $\perp$         |  |                      | $\perp$  |        |
|   | 25       | R        |  |                 |          | $\perp$  |          |          | _              |          | 75       |                 |  |                 |          |                    |                |       | 125      |          |                 |             |                 |  |                      |          |        |
| Ш   | 26       | R        |  |                 |          | $\perp$  |          |          | ][             |          | 76       |                 |  |                 |          |                    |                |       | 126      |          |                 |             |                 |  |                      |          |        |
| Ш   | 27       |          |  |                 |          |          |          |          |                |          | 77       |                 |  |                 |          |                    |                |       | 127      |          |                 |             |                 |  |                      | $\top$   |        |
|   | 28       |          |  |                 |          |          |          |          |                |          | 78       |                 |  |                 |          |                    |                |       | 128      |          |                 |             | П               |  | П                    | $\top$   |        |
|   | 29       |          |  |                 |          |          | П        |          | 7:::::         |          | 79       |                 | П  |                 |          | П                  |                |       | 129      |          |                 | $\neg \neg$ |                 | Ī  |                      | $\top$   |        |
|   | 30       |          |  |                 |          | T        |          |          | 1              |          | 80       |                 | T  |                 |          |                    | اا             |       | 130      |          |                 | 1           |                 |  |                      | $\top$   | _      |
|   | 31       |          |  |                 |          | T        | $\neg$   |          | 1              |          | 81       |                 | T  |                 |          | 1-1-               | اا             |       | 131      |          |                 | 1           | †               |  | H                    | $\top$   | _      |
|   | 32       |          |  | $\neg$          | 一        |          |          | $\top$   | 1              |          | 82       |                 | 11   | $\neg$          |          | † †                | ااااا          |       | 132      |          |                 | 1           | +               |  | $\Box$               | 十        | _      |
| П   | 33       |          |  | $\neg$          | $\dashv$ | $\neg$   | T        | $\top$   | 1              |          | 83       |                 | +  |                 |          | T                  | ا اا           |       | 133      |          |                 | 1           | †               | П  | H                    | 十        | _      |
|   | 34       |          | $\Box$   | $\dashv$        | 寸        | 寸        | 十        | 十        | 1              |          | 84       |                 | †-†  | $\top$          | $\dashv$ | 1                  | ا اا           |       | 134      |          |                 | $\top$      | +               | Н  | $\vdash \vdash$      | +        | _      |
| $\Box$  | 35       |          | П  | $\dashv$        | $\dashv$ | $\dashv$ | 十        | $\top$   | 1::::1         |          | 85       |                 | †=†  | $\top$          | _        | +                  | ا اا           |       | 135      | $\vdash$ | $\dashv$        | +           | $\vdash$        | Н  | $\vdash \uparrow$    | +        | _      |
| $\vdash$  | 36       |          | $\square$  | $\dashv$        | $\dashv$ | 十        | $\dashv$ | $\top$   | 1              |          | 86       | +               | 1-1  | +               |          | ++                 | -              |       | 136      | $\vdash$ | $\vdash$        | +           | +               | H  | $\vdash$             | +        | _      |
| $\vdash$  | 37       | _        | $\vdash$   | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | +        | 1              |          | 87       | _               | ╁─┼  | +               | $\dashv$ | ++                 | -              |       | 137      |          | $\dashv$        | +           | ╁               | $\vdash$   | $\vdash$             | +        | _      |
| $\vdash$  | 38       | $\vdash$ | $\vdash\vdash\vdash\vdash$                       | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | +        | ╢╢             |          | 88       |                 | ++   | +               | +        | +                  |                |       | 138      | $\dashv$ | $\vdash$        | +           | ╁               | $\vdash$   | $\vdash$             | +        | -      |
| $\vdash$  | 39       | H        | $\vdash$   | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$ | $\top$   | ╣              |          | 89       |                 | ++   | +               | +        | +                  | -              |       | 139      |          | +               | +           | ╁╌              | Н  | $\vdash +$           | +        | _      |
| $\vdash$  | 40       | -        | $\vdash \vdash \vdash$                           | $\dashv$        | $\dashv$ | $\dashv$ | +        | +        | 1000           | _        | 90       | +               | ++   | $\dashv$        | -        | ++                 | -              |       | 140      |          |                 | +-          | +               | $\vdash$   | $\vdash$             | +        | -      |
| $\vdash \vdash$   | 41       | -        | $\vdash \vdash \vdash$                           |                 | +        | +        | $\dashv$ | -        | 1              |          | 91       | +               | ╂╼╂  | $\dashv$        | -        | +-+-               | -              |       | 141      | $\vdash$ |                 | +-          | $\vdash$        | Н  | $\dashv$             | +        | 4      |
| $\vdash$  | 42       | ⊢        | $\vdash\vdash\vdash$                             | -               | +        | +        | +        | +        | -              |          | 92       | +               | ╅┼   | $\dashv \dashv$ |          | ++                 | -              |       |          |          |                 | +-          | +               | Н  | $\dashv$             | +        | _      |
| $\vdash \vdash$   |          | $\vdash$ | $\vdash\vdash\vdash$                             | $\dashv$        | +        | +        | +        | +        | -              |          |          | +               | ╂  |                 |          | +                  | -              |       | 142      |          |                 | +-          | $\vdash$        | Н  | $\dashv$             | +        | _      |
| $\vdash$  | 43       | <b>-</b> |  | $\dashv$        | +        | +        | $\dashv$ | +        | ╢╟             | $\dashv$ | 93       | +               | +-+  | +               |          | ++                 | - :::          |       | 143      |          | $\vdash$        | +           | $\vdash$        | Н  | $\dashv$             | +        | _      |
| $\vdash \vdash \vdash$  | 44       | $\vdash$ | $\vdash \vdash \vdash$                           | $\dashv$        | -+       | $\dashv$ | +        | +        | <b>∤</b> ∭     | -        | 94       | -               | <del>                                     </del> | 44              | $\dashv$ | ++                 | 4              |       | 144      | _        | $\perp$         | +           | 1               |  | 1                    | +        | _      |
| $\vdash \vdash$   | 45       | _        | $\sqcup \sqcup$                                  | $\dashv$        | +        | 4        |          | +        | 4              |          | 95       | $\perp$         | $\sqcup$   | Щ               |          | $\vdash$           | 4              |       | 145      |          |                 | _           | lacksquare      | Ш  | $\sqcup$             | 4        |        |
| $\vdash \!$ | 46       | $\vdash$ | oxdot  | 4               | 4        | 4        | _        | _        | 4              |          | 96       | $\perp$         | 1-1  | $\perp$         |          | $\perp \perp$      | 4              |       | 146      |          | $\perp \perp$   | _           | $oxed{igspace}$ | Ш  | $\Box$               | $\bot$   | _      |
|   | 47       |          | $\Box$   |                 | _        | 4        | _        |          | 4              |          | 97       | Щ.              | $\sqcup \bot$                                    | $\perp$         |          | $\perp \downarrow$ | _              |       | 147      |          | Щ.              |             | $oxed{oxed}$    | Ш  | Ц                    |          |        |
| <del> </del>  | 48       |          | $oxed{oxed}$                                     | _               | $\perp$  | 4        | $\perp$  |          | <b>.</b>       |          | 98       |                 | $\sqcup$   |                 |          |                    | ╝              |       | 148      |          |                 |             |                 | $\sqcup$   |                      |          |        |
| igsquare  | 49       |          | 44   | $\dashv$        | $\perp$  | $\perp$  | $\perp$  |          |                |          | 99       |                 | $\coprod$  |                 |          | $\perp \perp$      | _ [            |       | 149      |          | $\Box I$        |             | $oxed{oxed}$    |  |                      | $\prod$  |        |
| ш   | 50       |          |  | $\perp$         |          |          |          |          | ]::::[         | I        | 100      | I               | $\Gamma$   |                 |          | I I                | ]::::[         |       | 150      | 丁        | T               |             |                 | ı T  |                      |          | ٦      |